Priya Kashyap
Data Analyst

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Professional Experience

Freelance AI Prompt Engineer   **October 2024 — present**
outlier.ai   *London, UK*
- Refined prompts and AI models for finance, education, and e-commerce applications, enhancing relevance through **data-driven insights** and iterative reviews, with specialized focus on **fraud detection**.

Data Analyst Intern   **July 2024 — Sept 2024**
Inforens   *London, UK*
- **Collaborated with cross-functional teams** to manage reports and translate business requirements into product-focused analytical solution, improving project outcomes by **15%**.
- Leveraged **PowerBI and Excel** to develop visualizations, enabling better insights into marketing performance and pattern recognition for business development.

Teaching Assistant/Demonstrator   **January 2024 — April 2024**
Queen Mary University of London   *London, UK*
- Optimized ethical AI understanding by **40%** resulting in higher student assessment scores and fostering transformation in advanced AI topics.
- Demonstrated expertise in consulting and reporting, **reducing rework rates by 20%** through tailored student support, enhancing overall learning in AI ethics and regulation.

Data Quality Analyst Engineer   **January 2023 — May 2023**
Gtropy (A MapmyIndia Company)   *Delhi, India*
- Enhanced on-time deliveries by **9%** by identifying data quality issues systematically, leveraging REST APIs ensure accurate data flow and integrity in logistics data.
- **Developed and optimized ETL pipelines** for relational databases, ensuring data quality control and accurate extraction

System Engineer   **June 2019 — January 2022**
TCS (Tata Consultancy Services)   *Bangalore, India*
- Ensured **99% +** uptime by optimizing mission-critical systems, guaranteeing seamless operations for BFSI clients like Walgreens and Aviva.
- Minimized defects by **25%** through enhancing system processes, leveraging agile methodologies and tools such as JIRA.

Technical Projects

Temporal Classification of social media, Machine Learning Project   View the project on GitHub.
- Engineered a scalable Retrieval-Augmented Generation (RAG) model using Python to categorize twitter dataset, analyzing their social media trends and evolution over.

Emotion-Based Image Captioning using Hugging Face, Deep Learning Project   View the project on GitHub.
- Designed a Python-based application leveraging Hugging Face deep learning models and Langchain to generate descriptive and emotion-oriented captions for images, enhancing contextual relevance.

Education

Masters of Sciences, Big Data Science, *Queen Mary University of London, UK*   **September 2023 - September 2024**
Bachelor of Technology, Computer Science, *Abdul Kalam Technical University , India*   **June 2015 - June 2019**

Skills

Programming	Python (NumPy, Pandas, Scikit-learn, PyTorch), SQL, DAX.
MLOps Tools	Docker, Kubernetes, Git, CI/CD Pipelines, Model Versioning (MLflow), Apache Spark.
Cloud & Infra	Microsoft Azure (ML Studio, Databricks), Google Cloud.
Data Engineering	ETL Pipelines, Data Wrangling, Database Management (SQL/NoSQL), Apache Spark.
ML Concepts	Statistical Modeling, Feature Engineering, Model Deployment, A/B Testing, Distributed Training.
Visualization	Power BI, Tableau, Matplotlib/Seaborn.

Certifications

- IBM Enterprise Design Thinking Practitioner   April 2024
- Microsoft Azure AI 900   June 2024
- Microsoft Azure AZ 900   July 2021

Achievements

PwC Switzerland's Power BI Job Simulation	December 2024
Microsoft Asia AI Odyssey Challenge	June 2024
Winner of QM x IBM Innovation Challenge	April 2024
Qincubator, *Queen Mary University of London*	November 2023 - December 2023
EECS Course Representative, *Queen Mary University of London*	September 2023 - September 2024